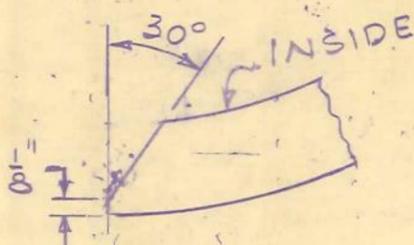
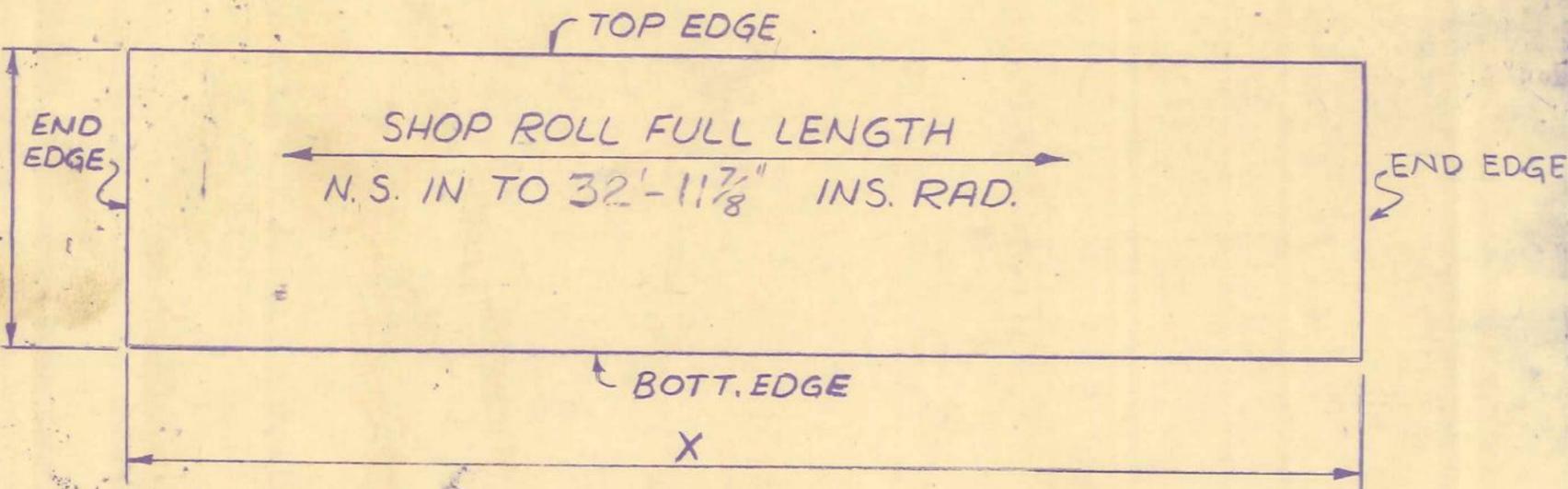


AMERICAN BRIDGE

DIVISION

UNITED STATES STEEL CORPORATION



DETAIL A

SCHELIN ASSOCIATES

El Sobrante

Twain Har

- Approved As Noted
- Make Corrections & Resubmit
- Not Approved

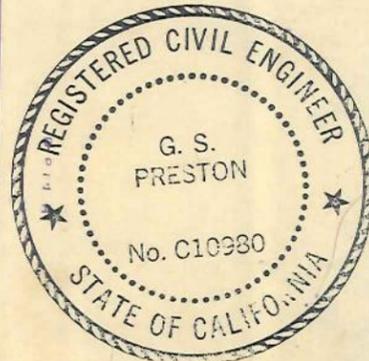
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By: *E. Pauline*

QUAN FOR ONE VESS.	SHELL PLATE				EDGE PLANING			WEIGHT CALCULATED FOR ONE
	PIECE MARK	WIDTH Y	THICKNESS	LENGTH X	BOTT. EDGE	TOP EDGE	END EDGES	
7	F1.PM1	95 1/2	.347"	29'-7 7/16"	SQ.	SQ.	DET. A	3329*
7	F1.PM2	95 1/2	9/32"	29'-7 7/16"	SQ.	SQ.	SQ.	2706*
7	F1.PM3	95 1/2	1/4"	29'-7 7/16"	SQ.	SQ.	SQ.	2405*
7	F1.PM4	95 1/2	1/4"	29'-7 7/16"	SQ.	SQ.	SQ.	2405*
7	F1.PM5	95 1/2	1/4"	29'-7 7/16"	SQ.	SQ.	SQ.	2405*

NO. OF	SEQ. CODE	
PLT.		
NO. OF	COST CENTER	
PCS.	PROD.	
ON	NON PROD.	
SKETCH	PAY BASIS CODE	
WEIGHT	EXCEPTION	LINE
REV. NO.	SHIP DIVISION	CONTROL

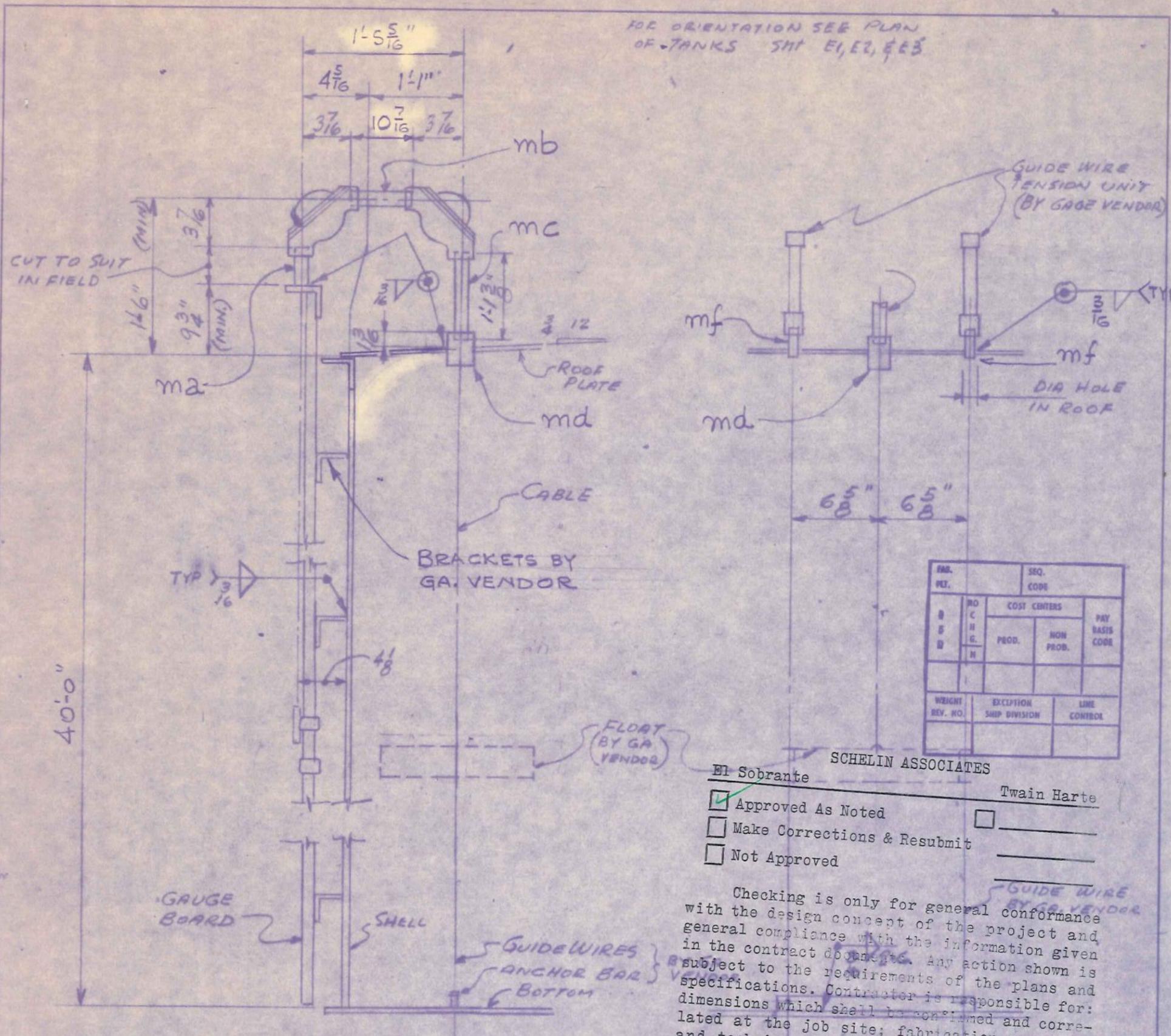
LINE NO.	TOTAL NO. OF PCS. ON ORDER	MATERIAL				FINISH AND TRIM		SHIPPING OR ASSEMBLING MARK	SHIPPING SPECIFICATIONS OR ASSEMBLING REFERENCE	REMARKS	ORDERED		CALCULATED WEIGHT OR ONE SHIP PIECE	
		NO. OF PCS. ON SKETCH	ABBRV. DESC.	DIMENSIONS		LENGTH					DESC.	INCH		TEMP.
				FEET	INCH	FEET	INCH							
	7	PL	95 1/2	.347	29	7 7/16	BEND B2E	F1.PM1	96" x 30'	A3G				
	7	PL	95 1/2	9/32	29	7 7/16	BEND	F1.PM2						
	7	PL	95 1/2	1/4	29	7 7/16	BEND	F1.PM3						
	7	PL	95 1/2	1/4	29	7 7/16	BEND	F1.PM4						
	7	PL	95 1/2	1/4	29	7 7/16	BEND	F1.PM5						



32	35	36	40	50	61	65	71	90	91	92	20	80
F	MAR	MAC	M	W	B	C	BO	SP-J	SP-B	SP-F	SR	MM NS

PAINT NONE	RIVETS	HOLES	DRAWINGS	NAME	DATE	REVISIONS	DRAWINGS	IN CHARGE OF	SHEET NO.
			MADE BY				So. S.F.	M.G. KATNIC	
			CHKD. BY				FRESNO	K3404	
CONTACT SURFACES									FI

NAME OF STRUCTURE: 66 FT. DIA. x 40 FT. HI. AWWA TANK
 SHELL PLATE DETAILS
 TUOLUMNE COUNTY WATER DIST. NO. 2



FAB. DET.		SEQ. CODE		
R S D	NO C H G. H	COST CENTERS		PAY BASIS CODE
		PROD.	NON PROD.	
WEIGHT REV. NO.		EXCEPTION SHIP DIVISION	LINE CONTROL	

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 Make Corrections & Resubmit
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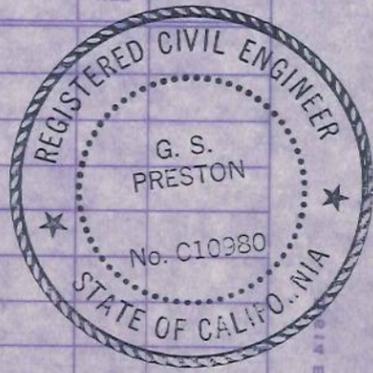
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NOTE. PIPE "ma" AND "mf" TO BE THRD ONE END.
 PIPE "mb" AND "mc" ↓ ↓ BOTH ENDS.

By *[Signature]*
 FIELD WELDING
 SEE SC SHT 51
 # LBS CARBON STEEL

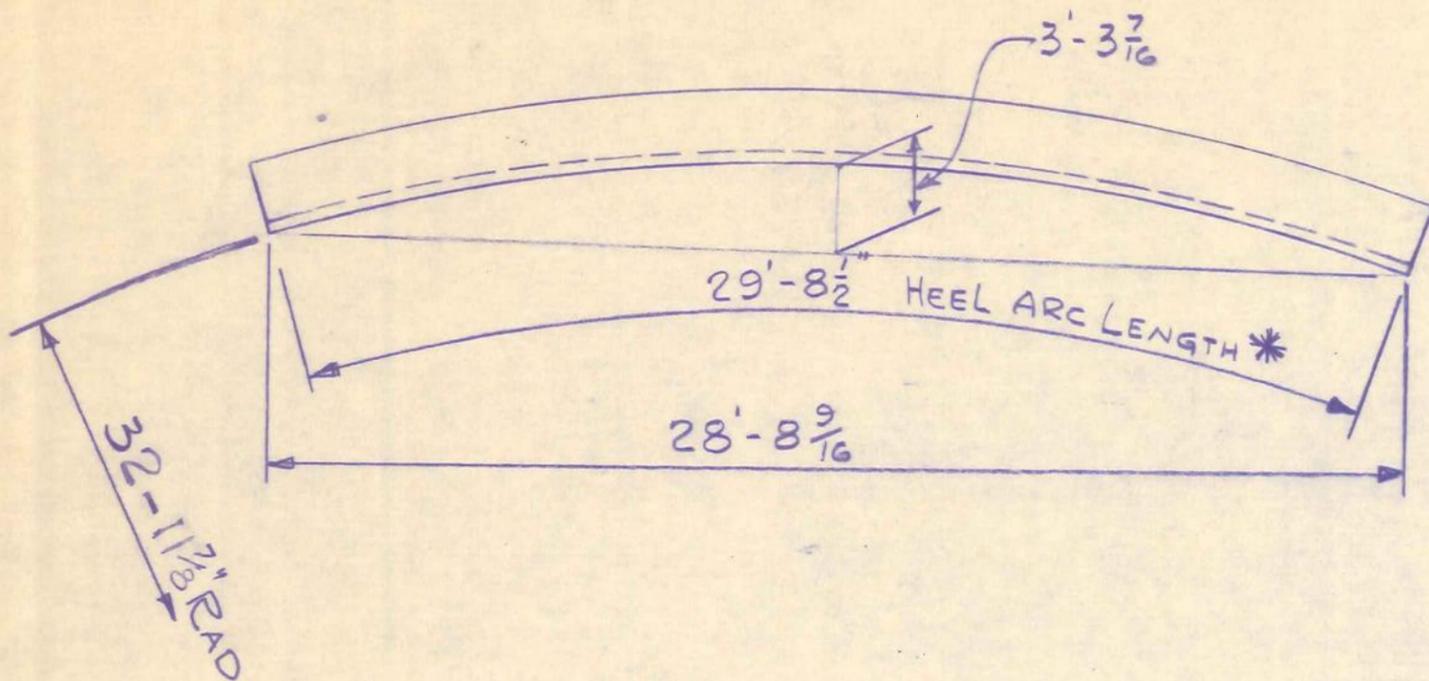
C51
 MG/3
 ME/5
 MG/7
 MG/9
 MG/12

LINE NO.	TOTAL NO. OF PCS. ON ORDER	NO. OF PCS. ON SKETCH	MATERIAL		LENGTH		FINISH AND TRIM		SHIPPING OR ASSEMBLING MARK	SHIPPING SPECIFICATIONS OR ASSEMBLING REFERENCE	REMARKS	ORDERED		CALCULATED WEIGHT FOR ONE SHIP PIECE
			ABBRV. DESC.	DIMENSIONS	FEET	INCH	DESC.	INCH				ITEM		
			M	LIQUID LEVEL GAGE					C51M1					
				PIPE 1"-SCH.40	1	0		T.O.E	ma		A120			
				PIPE 1"-SCH.40	0	10 7/16			mb		A120			
				PIPE 1"-SCH.40	1	1 3/8			mc		A120			
			M	1" X H. PIPE COUPL.					md		STL			
				PIPE 1 1/2" SCH 40	0	4		T.O.E	mf		A120			



FOR LOCATION SEE SHT. E1.

PAINT NONE		RIVETS -		NAME OF STRUCTURE		REVISED		IN CHARGE OF	
CONTACT SURFACES -		HOLES -		LIQUID LEVEL GAGE		KATNICH		SHEET NO.	
DRAWINGS		NAME		TUOLUMNE COUNTY WATER DISTRICT NO. 1		F W D U B A		F2	
MADE BY P.K.		DATE 5-7-69		TWIN HARTE, CALIF.		DRAWINGS 50 S.F.		ORDER NO.	
CHECKED BY NBS		DATE 5-8-69		66 FT. DIA X 40 FT. HIGH. WATER STORAGE TANK		FABRICATION FRESNO		K3404	



SCHELIN ASSOCIATES

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* APPROX. 7" EXTRA ADDED OVER THE TOTAL ARC LENGTH REQ'D.

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By: E. Richard Schelin

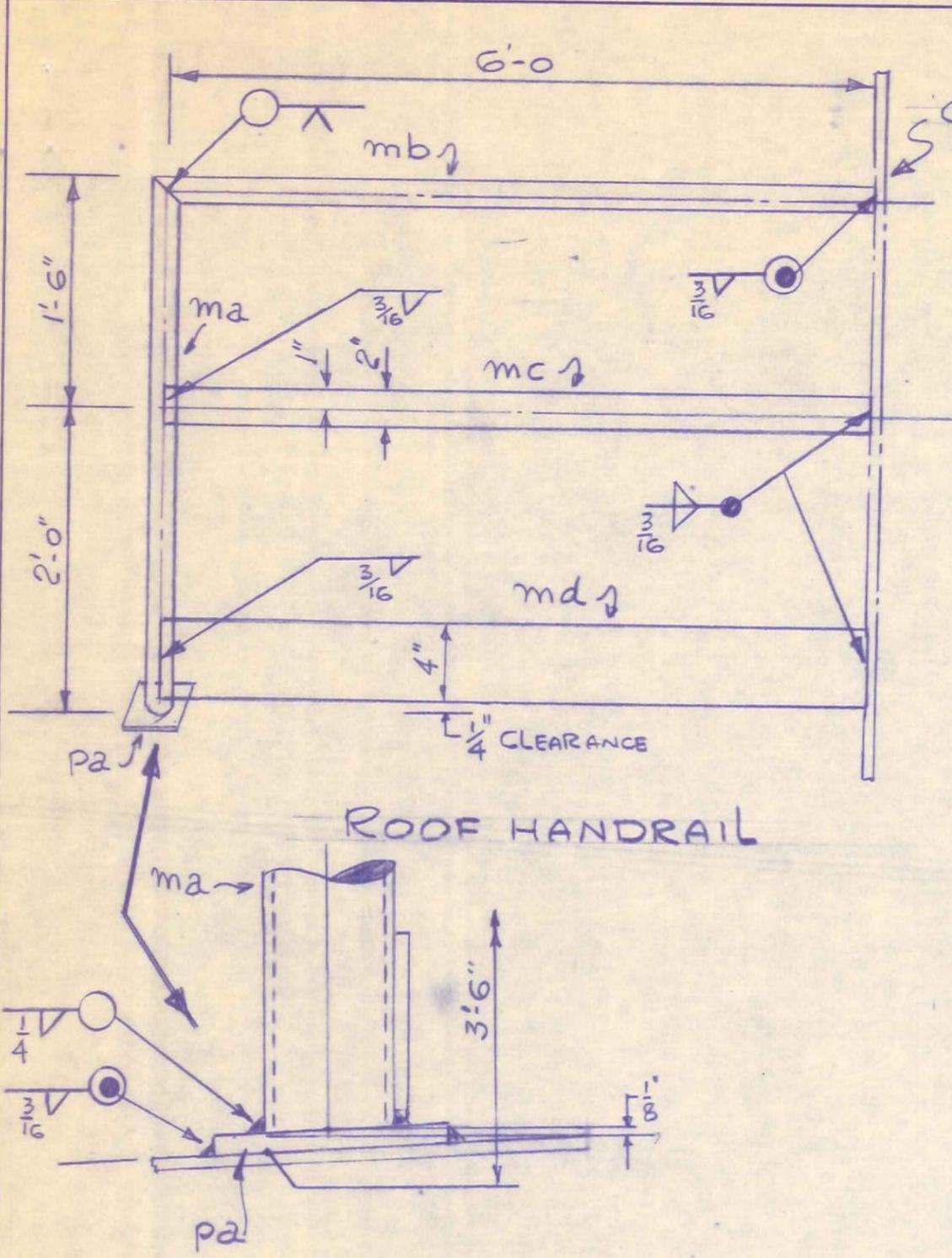
FAB. PRT.		SEQ. CODE	
B S D	RO	COST CENTERS	
	C H G. N	PROD.	NON PROD.
WEIGHT REV. NO.		EXCEPTION SHIP DIVISION	LINE CONTROL
PAY BASIS CODE			

LINE NO.	TOTAL NO. OF PCS. ON ORDER	NO. OF PCS. ON SKETCH	MATERIAL				LENGTH		FINISH AND TRIM	SHIPPING OR ASSEMBLING MARK	SHIPPING SPECIFICATIONS OR ASSEMBLING REFERENCE	REMARKS	ORDERED		CALCULATED WEIGHT FOR ONE SHIP PIECE
			ABBRV. DESC.	DIMENSIONS	FEET	INCH	DESC.	INCH					ITEM		
105	7	7	L	2 1/2 x 2 1/2 x 5/16	29	8 1/2	BEND	1 1/2	F3 MI						



FOR LOCATION SEE SH. E2

PAINT NONE		RIVETS		NAME OF STRUCTURE TUOLUMNE COUNTY WATER DIST. NO 1 TWAIN HARTE, CALIFORNIA				IN CHARGE OF	
CONTACT SURFACES		HOLES		66 FT. DIA. x 40 FT. HI. WATER STORAGE TANK				SHEET NO. F3	
DRAWINGS	NAME	DATE					ORDER NO. K340		
MADE BY	P.K.	4-29-69					DRAWINGS SO. S.F.		
CHECKED BY							FABRICATION FRESNO		

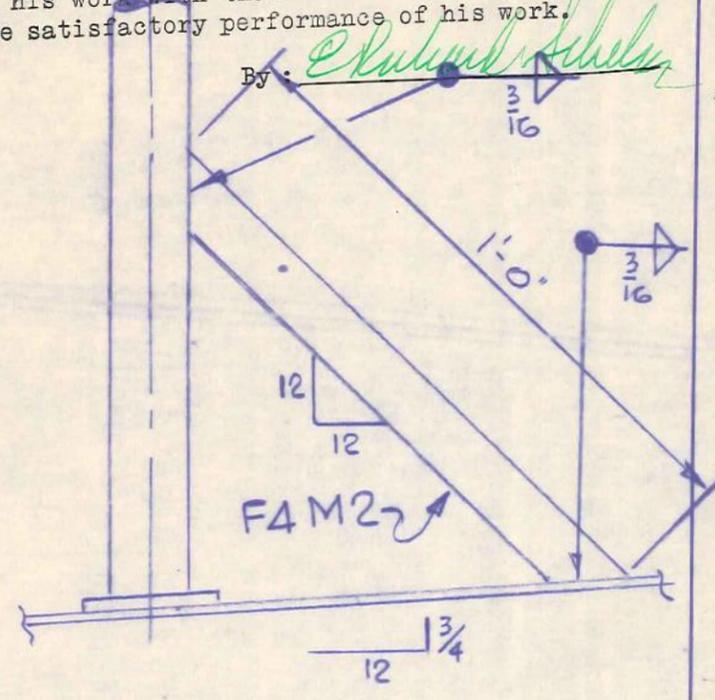


OUTSIDE LADDER 40L1
SEE ORIENT. PLAN

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MR. PLT.		SEQ. CODE	
B	RO	COST CENTERS	
S	C	PROD.	NON PROD.
D	H	PAY BASIS CODE	
	G.		
	N		
WEIGHT REV. NO.		EXCEPTION SHIP DIVISION	LINE CONTROL

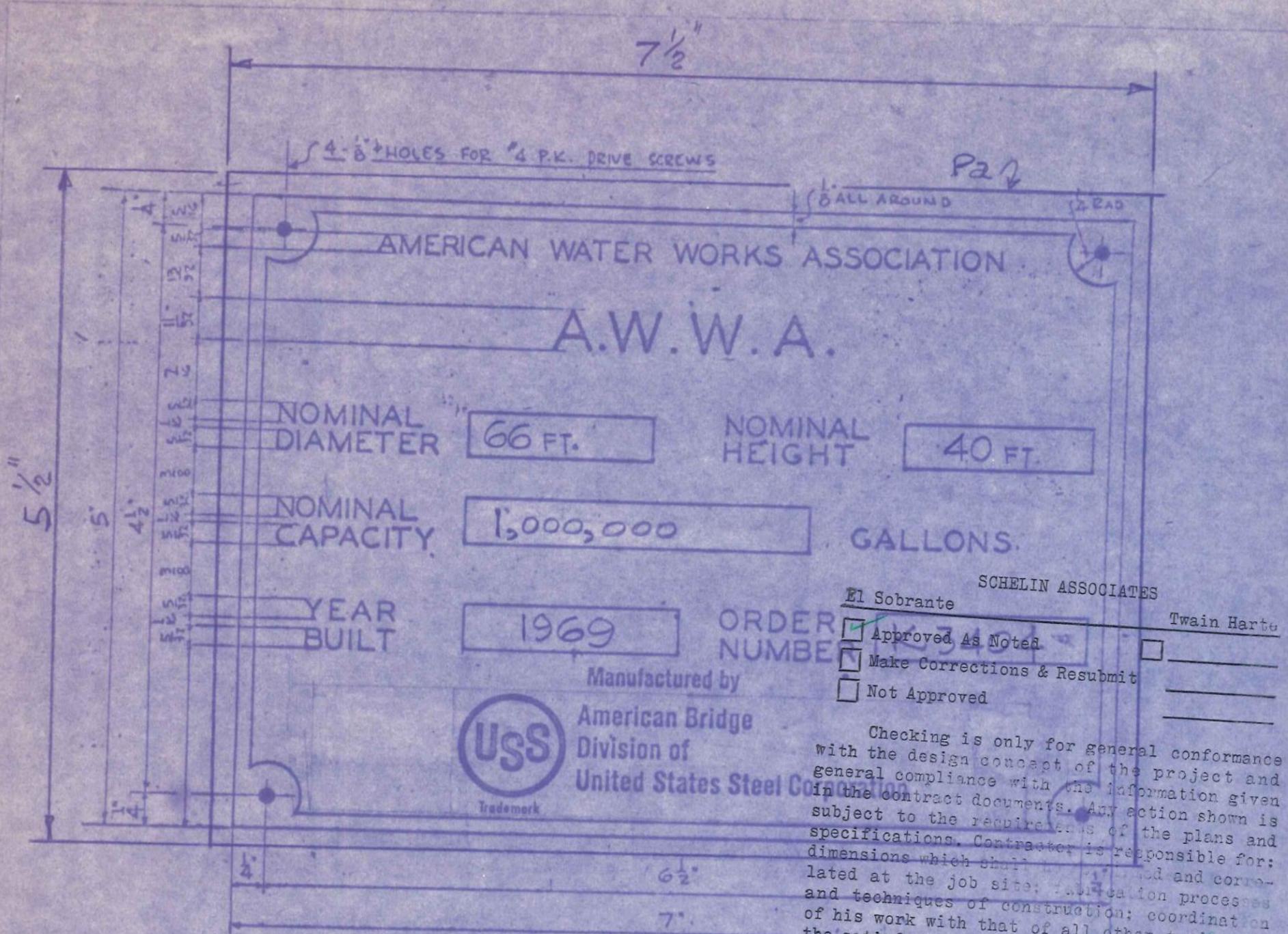
FIELD WELD ROD
SEE SC SHT 51
1 LBS CARBON STEEL

LINE NO.	TOTAL NO. OF PCS. ON ORDER	NO. OF PCS. ON SKETCH	MATERIAL		LENGTH		FINISH AND TRIM		SHIPPING OR ASSEMBLING MARK	SHIPPING SPECIFICATIONS OR ASSEMBLING REFERENCE	REMARKS	ORDERED		CALCULATED WEIGHT FOR ONE SHIP PIECE
			ABBRV. DESC.	DIMENSIONS	FEET	INCH	DESC.	INCH				ITEM		
	1			ROOF HANDRAIL					F4M1					
ME/15	2	1	PIPE	1 1/4" SCH 40	6	0 13/16			mb		A120			
ME/16	3	1	PIPE	1/4" SCH 80	3	5 3/4			ma		A120			
A.S.	4	1	FLT	2 1/4	6	0			mc					
A.S.	5	1	FLT	4 3/16	6	0			md					
A.S.	6	1	FLT	3 1/4		3			pa					
	7													
A.S.	8	1	FLT	1 1/4 3/16	1	0			F4M2					



FOR LOCATION SEE SHT. E1

PAINT SHOP NONE		RIVETS		NAME OF STRUCTURE				REVISIONS		IN CHARGE OF	
CONTACT SURFACES		HOLES		TUOLUMNE COUNTY WATER DISTR. No 1				M.G. KATNICH		SHEET NO.	
DRAWINGS				TWAIN HARTE, CALIF.				F4		ORDER NO.	
MADE BY P.K.		DATE 5-8-69		66 FT. DIA. x 40 FT. HI. WATER STORAGE				SO.S.F.		K3404	
CHECKED BY N.B.S.		DATE 5-8-69		ROOF HANDRAIL DETAILS TANK				FRESNO			



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(032) 22 GA. COMM. BRASS & 304 S.S. WITH MARGIN, LETTERS AND BLANK SPACES POLISHED - BACK GROUND MAROON SCALE - FULL SIZE

NAMEPLATE
P I M I

NOTE TO SHOP - DO NOT SHIP FROM THIS DWG. SHOP ASSEMBLY WITH PIECES ON DWG. N^o 7

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FAB. PRT.	SEC. CODE	COST CENTERS		PAY BASIS CODE
B	RO	PROD.	NON PROD.	
S	C			
D	H			
	N			
WEIGHT REV. NO.	EXCEPTION SHIP DIVISION	LINE CONTROL		

NO.	TOTAL NO. OF PCS. OR ORDERED	MATERIAL	FINISH AND TRIM	SHIPPING OR ASSEMBLY MARK	SHIPPING SPECIFICATIONS OR ASSEMBLY REFERENCE	REMARKS	CALCULATED WEIGHT FOR THIS SHIP PIECE	ITEM	FABRICATION	DRAWINGS	MADE BY	DATE	REVISIONS	
													FILE	INCH
1	1	NAME PLATE BRACKET		PIMI					FRESNO	SO. S. F.	P.K.	4-30-69		
2	1-M	AWWA NAME PL		ma		STAINL. STL. 1#					N.B.S.	4-30-69		
4	4 M	#4 TYPE U R.K. DRIVE SCRS.	5/16	mb		CADMI PLATED STL. 1#					M.G. KATNICH			
8	1 FL	5 1/2 3/8	7 1/2	pa		A36								

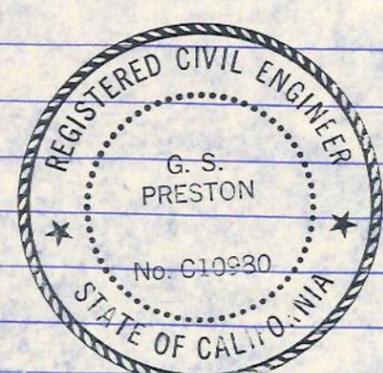


LINE NO.	NO. PCS.	DIAM.	RIVETS		BOLTS				GRIP	THICKNESS OF MATERIAL CONNECTED	LOCATION
			WALL THKNS	POSIT. WELD	LENGTH UNDER HEAD	HEAD	NUT	WASH-ER			
1	SHT.										
2											
3	E2	BUTT WELD	1/4	HORIZ	3				621	.306	190
4			3/32		1				207	.409	85
5											
6			1/4		1				207	.596	124
7											
8			1/4	VERT	21				8	.610	102
9			9/32		7				8	.774	44
10			.347		7				8	1.085	61
11			5/16		7				0.5	.865	4
12											
13	E3	Fillet	1/4	HOR	1				781	.222	173
14		BUTT WELD	9/16	HOR	16				1.5	1.755	42
15		Fillet	1/2	HORIZ	2				208	.403	168
16											
17	E4	Fillet	3/16	HORIZ	1				693	.132	92
18		Fillet	3/16	HORIZ	1				209	.132	28
19											
20	3										5
21	4										5
22	5										2
23	6										5
24	7										8
25	8										2
26	9										2
27											
28											
29											
30											
31											
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46											

El Sobrante SCHELIN ASSOCIATES
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By: *E. Preston*



FIELD RIVETS AND BOLTS		NAME	DATE						DRAWINGS	IN CHARGE OF		SHEET NO.
FIELD WELD TAKE-OFF (CARBON STEEL)		P.K.	5-21-69	F	E	D	C	B	A	SOI.S.F.	M.G. KATNICH	
					REVISIONS					FRESNO	K3404	
66 FT. DIA. x 40 FT. HI WATER STORAGE TANK, TOLUMNE COUNTY WATER DIST. NO. 1, NAME OF STRUCTURE												

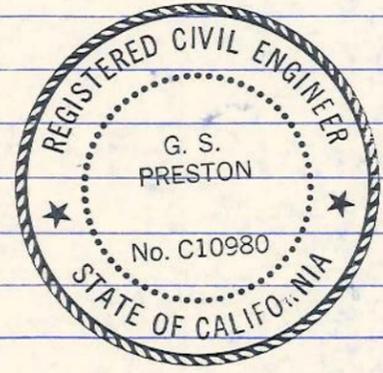
American Bridge Division of **USS** United States Steel Corporation

LINE NO.	ACTUAL NUMBER REQ'D.	NO. SHIPPED	DIAM.	RIVETS		BOLTS					GRIP	REMARKS	CALCULATED WEIGHT TOTAL
				*	**	LENGTH UNDER HEAD	HEAD	NUT	WASH-ER	TYPE OF BOLT			
1	68	76	3/4"			2 1/2"	HEX	HEX		A307	1 1/2"	FOR LOCAT. SEE SHT. E152 NO ADVANCE BILL ISSUED	
2													
3	68	76	3/4"			1 3/4"	HEX	HEX		A307	5/8"		
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23	1	1				8" FLGD. GATE VALVE					ORDERED ON M2-LINE 17		
24	2	2				1/16" GASKET FOR ITEM ON LINE 23					M2-LINE 13		
25	16	16				3/4" HHN 3 1/2"					M2-LINE 23		
26											FOR LOCATION OF LINES 23, 24 AND 25 SEE SHT. E1		
27													
28													
29													
30													
31		2				1/16" THK F.F. GASKET FOR 10'-150" FF. FLG.					FOR LOCAT. SEE SHT. E1 NO ADVANCE BILL ISSUED		
32						CLOTH INSERTED RUBBER FOR COLD WATER SERV.							
33		24	7/8"			3 3/4" HEX HEX A307							

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* A.I.S.C. STANDARD HIGH BUTTON HEAD RIVETS, UNLESS OTHERWISE NOTED.
 ** A.I.S.C. STANDARD FLAT-TOP CSK-HEAD RIVETS, UNLESS OTHERWISE NOTED.

By: *E. D. ...* 32 35 36 40 50 61 65 71 90 91 92 20 80
 MAR MAC M W B C BO SP-JSP-BSP-F SR MM NS

FIELD RIVETS AND BOLTS	DRAWINGS	NAME	DATE	REVISIONS	DRAWINGS	IN CHARGE OF	SHEET No. C52
	MADE BY	P.K.	5-21-69		SO. S.F.	M.G. KATNICH	
	CHKD. BY	N.B.S.	5-21-69		FRESMO	ORDER No. K3404	
NAME OF STRUCTURE				TUCUMNE COUNTY WATER DIST. NO. 1 TWAIN HARTE, CALIF.			